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APPLICANT : POLYPLASTICS CO;

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TITLE : BRANCHED POLYACETAL COPOLYMER RESIN FOR SLIDING MEMBER

ABSTRACT : PURPOSE: To obtain the title resin excellent in frictional and wear characteristics and processability and mechanical strength, thus suitable for audio and video- related parts by copolymerization between trioxane, cyclic ether as comonomer and diglycidyl compound.

CONSTITUTION: The objective resin can be obtained by reaction between (A) 99.88 - 85.0wt.% of trioxane, (B) as comonomer, 0.1 - 10 (pref. 0.3 - 5)wt.% of cyclic ether and/or cyclic formal (pref. ethylene oxide, dioxolan, trioxepan or 1,4-butanediol formal) and (C) 0.02 - 5 (pref. 0.1 - 3.0)wt.% of a diglycidyl compound (pref. alkylene oxide diglycidyl ether).

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